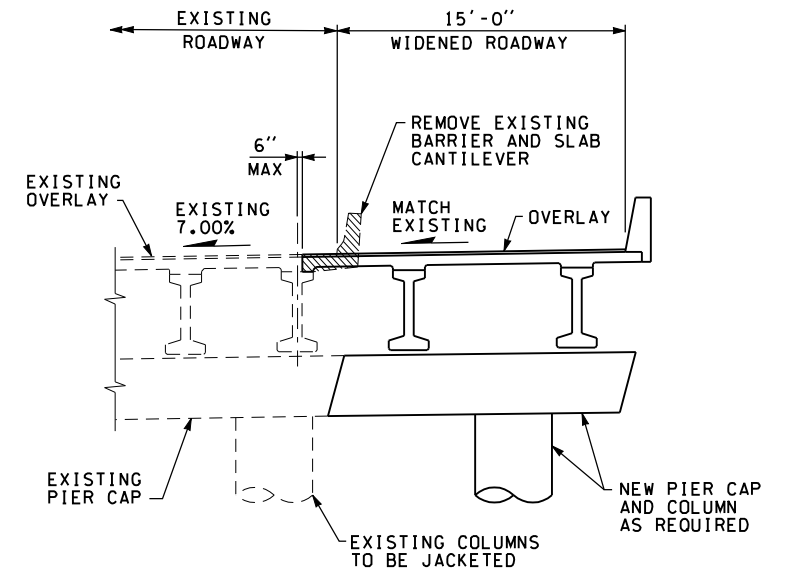


NB405 LINE CURVE DATA					
P.I. STATION		RADIUS	TANGENT	LENGTH	AHEAD TANGENT
STA 3001+65.62	45°09'22"LT	1650.00	686.09	1300.40	N22°02'55"E

NOTES TO DESIGNER:

1. MINIMUM VERTICAL CLEARANCE UNDER BRIDGE WIDENING EXCEEDS THE MINIMUM VERTICAL CLEARANCE SHOWN ON AS-BUILTS FOR THE EXISTING BRIDGE.



TYPICAL SECTION

SHOWN LOOKING AHEAD ON STATION AND NORMAL TO MAINLINE

P.V.I.C.  
NB405 STA. 3001+00.05  
ELEV.: 88.00  
L.V.C.: 1200.00



NB405 LINE PROFILE

P.C. GIRDERS (W50G) WIDENING  
LOADING: HL-93

EXISTING BRIDGE  
LOADING: HS-20

OR  
TWO 24 KIP AXLES @ 4' CTRS.

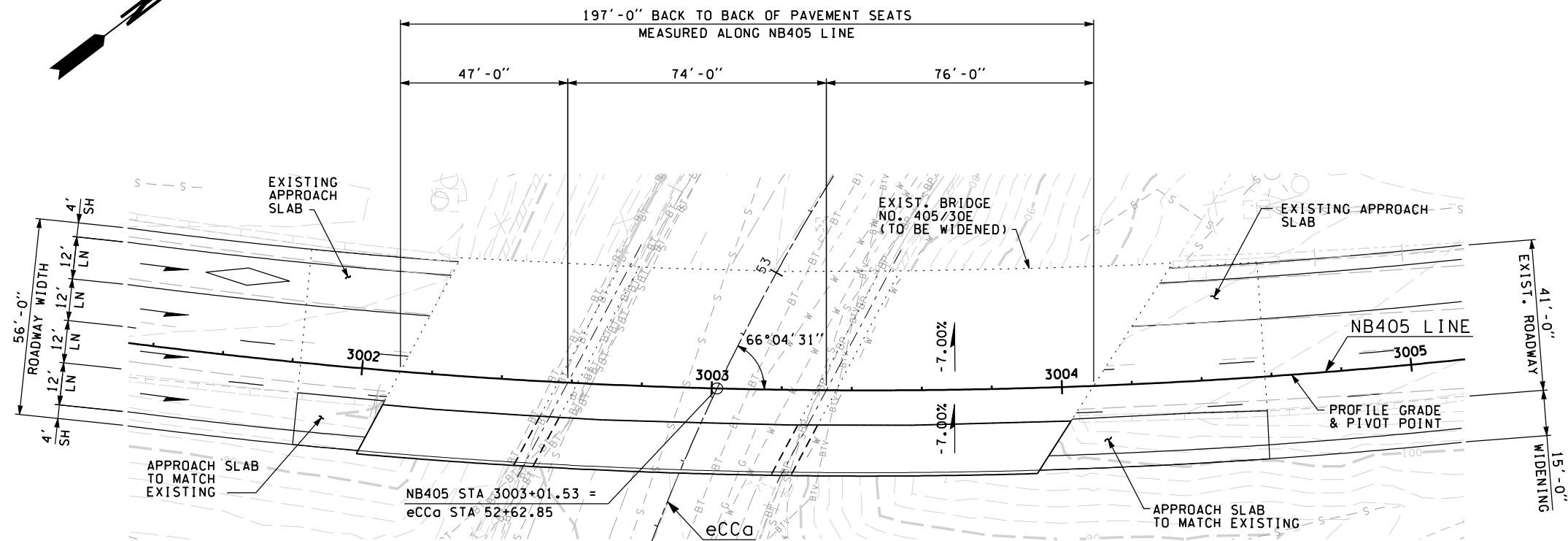
P.C. GIRDER BRIDGE  
EXISTING BR. NO 405/30E  
(TO BE WIDENED)

NOT FOR CONSTRUCTION

DRAFT

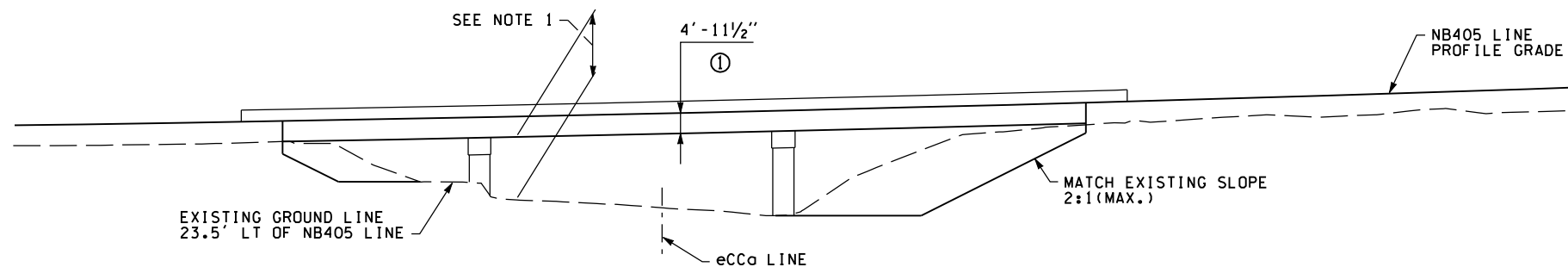
SUBJECT TO CHANGE  
05/10/06

- ① 3/4" SUPERELEVATION CHANGE @ 1/2 OF GIRDER  
7" SLAB  
1" ACP OVERLAY  
3/4" MINIMUM HAUNCH (TO TOP OF GIRDER)  
50" GIRDER DEPTH (TO BOTTOM OF GIRDER)  
59 1/2" ASSUMED STRUCTURE DEPTH @ MIDSPAN FROM TOP OF PAVEMENT TO BOTTOM OF GIRDER



PLAN

BEARING OF ALL PIERS TO MATCH EXISTING



ELEVATION

GRADE ELEVATIONS SHOWN ARE FINISH GRADES AT TOP OF ROADWAY SLAB ON NB405 LINE AND ARE EQUAL TO PROFILE GRADE. SEE STANDARD PLAN H-9 FOR EMBANKMENT DETAILS AT BRIDGE ENDS

DATUM  
N.A.V.D. 88

FILE NAME	PW:\Engineering\002\drawings\sheets\2pp102a102f_br001.dgn
TIME	12:43:10 PM
DATE	5/10/2006
PLOTTED BY	rogerb
DESIGNED BY	S. BURCH
ENTERED BY	R. BANKS
CHECKED BY	E. HERZSTEIN
PROJ. ENGR.	K. HENRY
REGIONAL ADM.	D. DYE

REGION NO.	STATE
10	WASH
JOB NUMBER	
CONTRACT NO.	

FED.AID PROJ.NO.  
  
LOCATION NO.

P.E. STAMP BOX

P.E. STAMP BOX



Washington State  
Department of Transportation

I-405  
112TH AVE SE TO  
SE 8TH ST WIDENING  
NB405 OVER COAL CREEK PKWY.

BRIDGE LAYOUT

BR001

SHEET  
OF  
SHEETS